

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. When strikethrough cannot easily be perceived, or when five or fewer characters are deleted, [[double brackets]] are used to show the deletion. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims 4 and 13, ADD new claim 15 and CANCEL claim 9 without prejudice or disclaimer in accordance with the following:

1. (cancelled)

2. (cancelled)

3. (cancelled)

4. (currently amended) A method for displaying a color image by reproducing a pixel color of an input image using three types of cells having different light colors, the method comprising the steps of:

using a display device including a display screen having parallel cell columns, cells of each cell column having the same light color, a light color of a cell column being different from that of the neighboring cell column, a cell position in the column direction of a cell column being shifted from that of the neighboring cell column among a set of cell columns each having the same light color; and

lighting two neighboring cells in at least one cell column out of a set of cell columns each having the same light color when displaying a display line perpendicular to the column direction,

wherein, in a display line, one of:

a cell neighboring an original cell in a vertical direction is lighted for compensation in an upward adjacent or subjacent cell according to a predetermined scheme;

when the original cell is an upper shift cell, neighboring lower shift cells are lighted for compensation and when the original cell is a lower shift cell, neighboring upper shift cells are lighted for compensation; and

when the original cell is an upper shift cell, a neighboring lower shift cell is lighted for compensation and when the original cell is a lower shift cell, a neighboring upper shift cell is lighted for compensation.

5. (previously presented) The method according to claim 4, wherein two neighboring cells are lighted in all the plural cell columns having the same light color corresponding to the display line.

6. (previously presented) The method according to claim 4, wherein two neighboring cells are lighted in every other cell columns having the same light color, and one cell is lighted in the remaining cell columns.

7. (previously presented) The method according to claim 4, wherein luminance of each cell is determined by distributing a luminance value of a pixel of the input image to two neighboring cells equally when lighting the two cells in the cell column.

8. (previously presented) The method according to claim 4, wherein the display device is a plasma display panel.

9. (cancelled)

10. (previously presented) The method according to claim 4, wherein luminance of each cell is determined by distributing a luminance value of a pixel of the input image to two neighboring cells when lighting the two cells in the cell column.

11. (previously presented) The method according to claim 4, wherein two neighboring cells are lighted in all the plural cell columns having the same light color corresponding to the display line when the input image is a non-interlace image.

12. (previously presented) The method according to claim 4, wherein two neighboring cells are lighted in every other cell columns having the same light color, and one cell is lighted in the remaining cell columns when the input image is a non-interlace image.

13. (currently amended) A display device comprising:

a display device including a display screen having parallel cell columns, cells of each cell column having the same light color, a light color of a cell column being different from that of the neighboring cell column, a cell position in the column direction of a cell column being shifted from that of the neighboring cell column among a set of the cell columns each having the same light color; and

a driving circuit including a portion for deciding whether an input image is a non-interlace image or an interlace image and a portion for controlling a combination of cells having the same light color in accordance with a result of the decision with respect to the input image,

wherein, in a display line, one of:

a cell neighboring an original cell in a vertical direction is lighted for compensation in an upward adjacent or subjacent cell according to a predetermined scheme;

when the original cell is an upper shift cell, neighboring lower shift cells are lighted for compensation and when the original cell is a lower shift cell, neighboring upper shift cells are lighted for compensation; and

when the original cell is an upper shift cell, a neighboring lower shift cell is lighted for compensation and when the original cell is a lower shift cell, a neighboring upper shift cell is lighted for compensation.

14. (previously presented) A display device comprising:

a display device including a display screen having parallel cell columns, cells of each cell column having a same light color, a light color of a cell column being different from that of the neighboring cell column, a cell position in the column direction of a cell column being shifted from that of the neighboring cell column among a set of the cell columns each having the same light color; and

a driving circuit for lighting two neighboring cells in at least one cell column having the same light color when displaying a display line perpendicular to the column direction,

wherein, in a display line, one of:

a cell neighboring an original cell in a vertical direction is lighted for compensation in an upward adjacent or subjacent cell according to a predetermined scheme;

when the original cell is an upper shift cell, neighboring lower shift cells are lighted for compensation and when the original cell is a lower shift cell, neighboring upper shift cells are lighted for compensation; and

when the original cell is an upper shift cell, a neighboring lower shift cell is lighted for compensation and when the original cell is a lower shift cell, a neighboring upper shift cell is lighted for compensation.

15. (new) A method for displaying a color image by reproducing a pixel color of an input image using three types of cells having different light colors, the method comprising:

using a display device including a display screen having parallel cell columns, cells of each cell column having a same light color, a light color of a cell column being different from that of the neighboring cell column, a cell position in a column direction of a cell column being shifted from that of the neighboring cell column among a set of cell columns each having the same light color; and

switching a combination of cells having the same light color constituting a display line perpendicular to the column direction for each of a first field and a second field when the input image is displayed in an interlace format,

wherein

in the first field,

lighting two neighboring cells in at least one cell column out of a set of cell columns each having the same light color when displaying a display line perpendicular to the column direction, and

when the original cell is an upper shift cell, a neighboring lower shift cell is lighted for compensation and when the original cell is a lower shift cell, a neighboring upper shift cell is lighted for compensation, and

in the second field,

lighting the original cell when displaying a display line perpendicular to the column direction.